

Title:

Off-Line PIN Verification
Using Identity-Based Signatures

First Named Inventor:

Hopkins, W. Dale

Docket No.:

200308860-1

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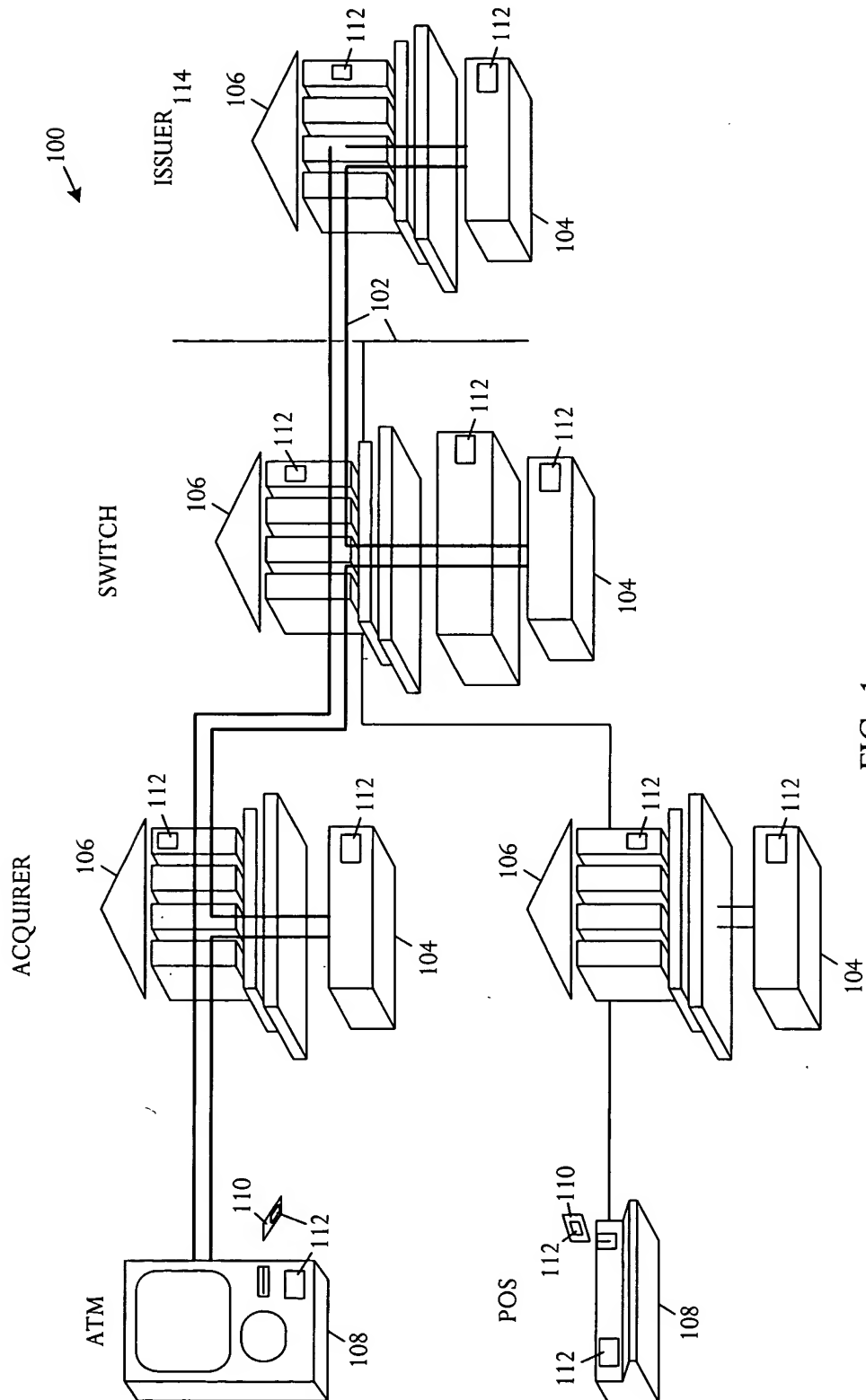


FIG. 1

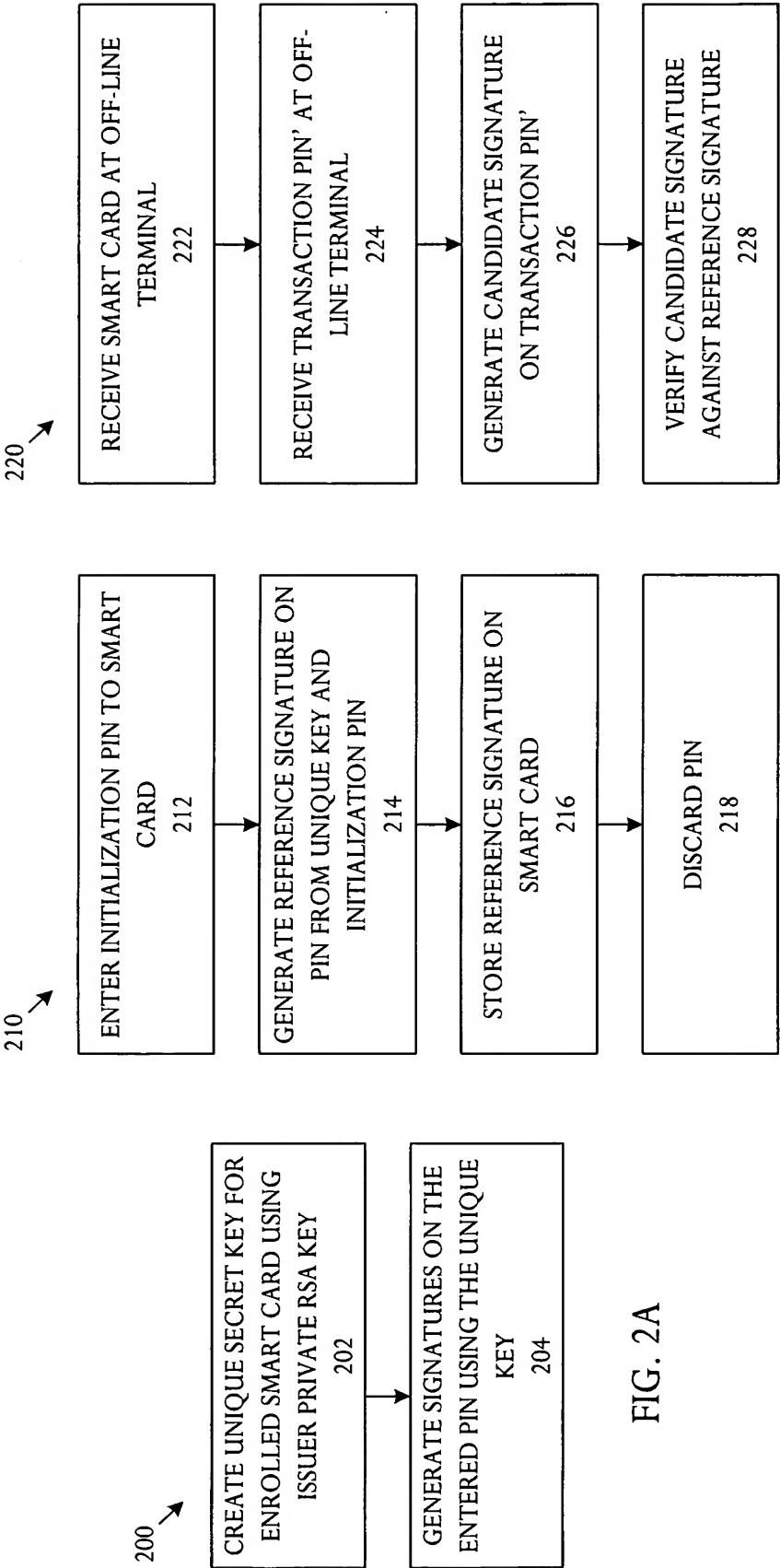
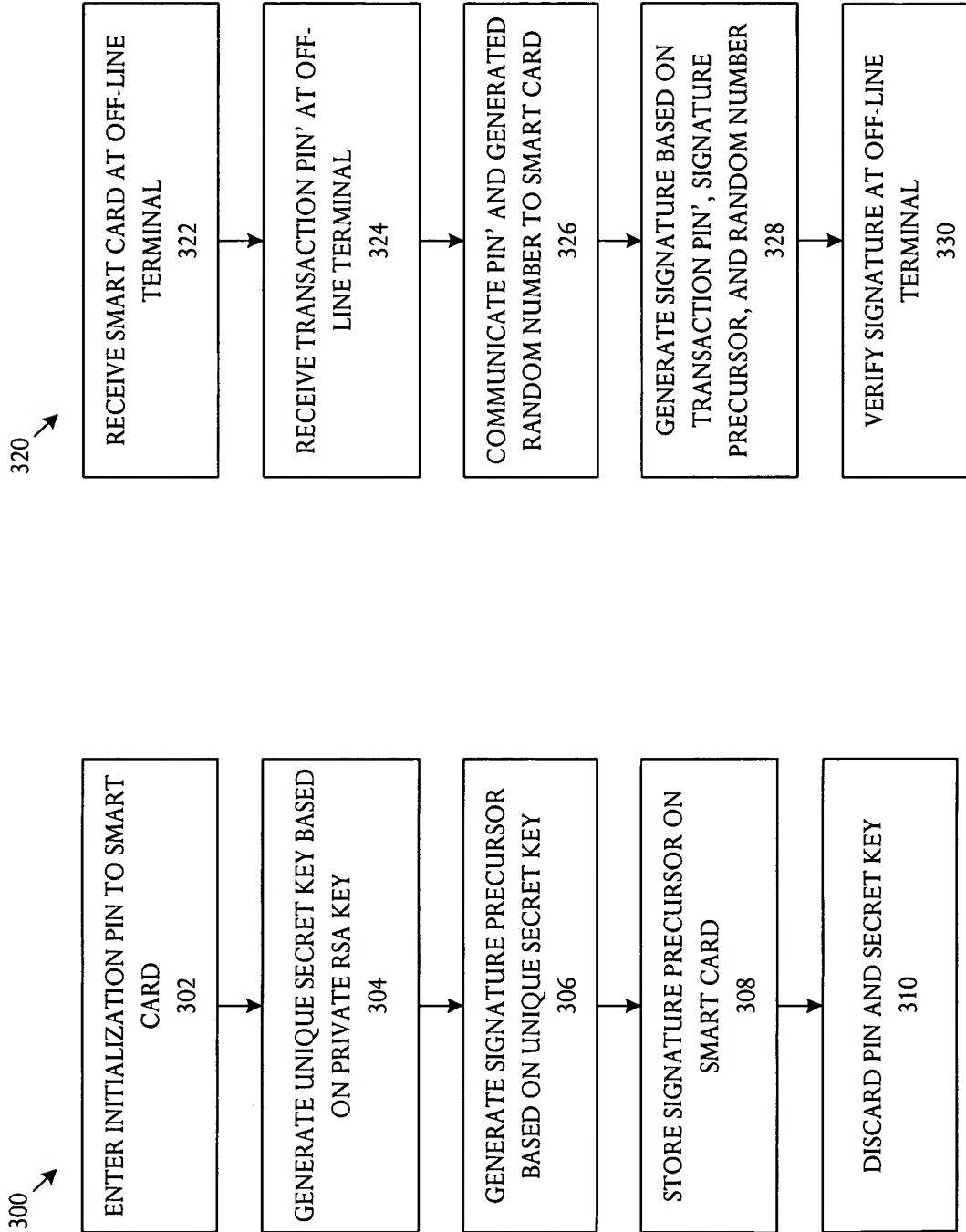


FIG. 2A

FIG. 2B

FIG. 2C



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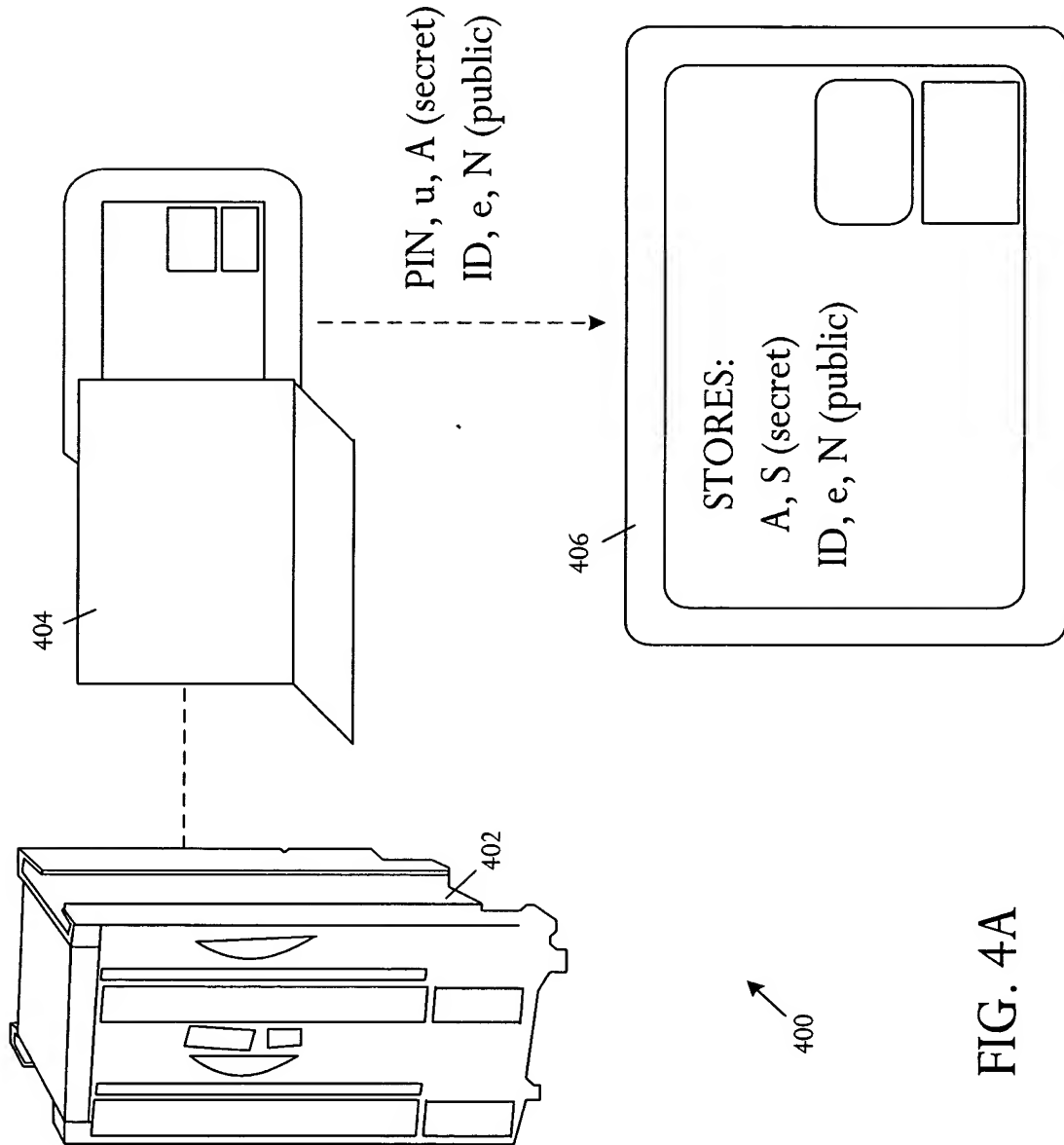


FIG. 4A

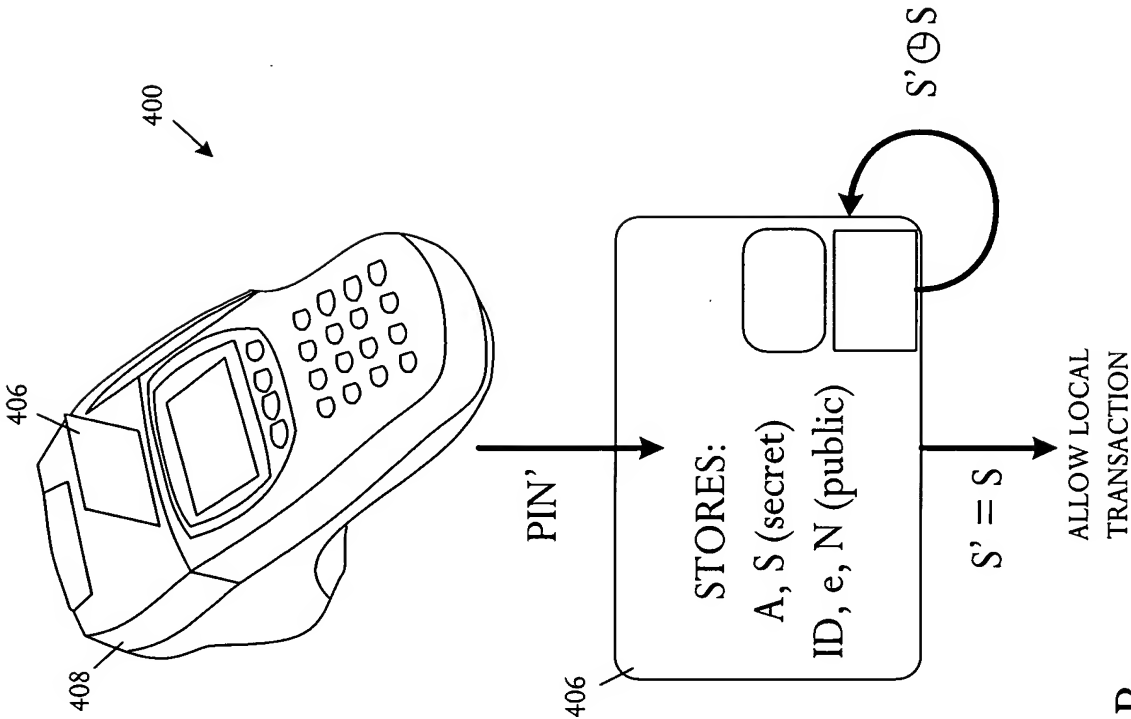


FIG. 4B

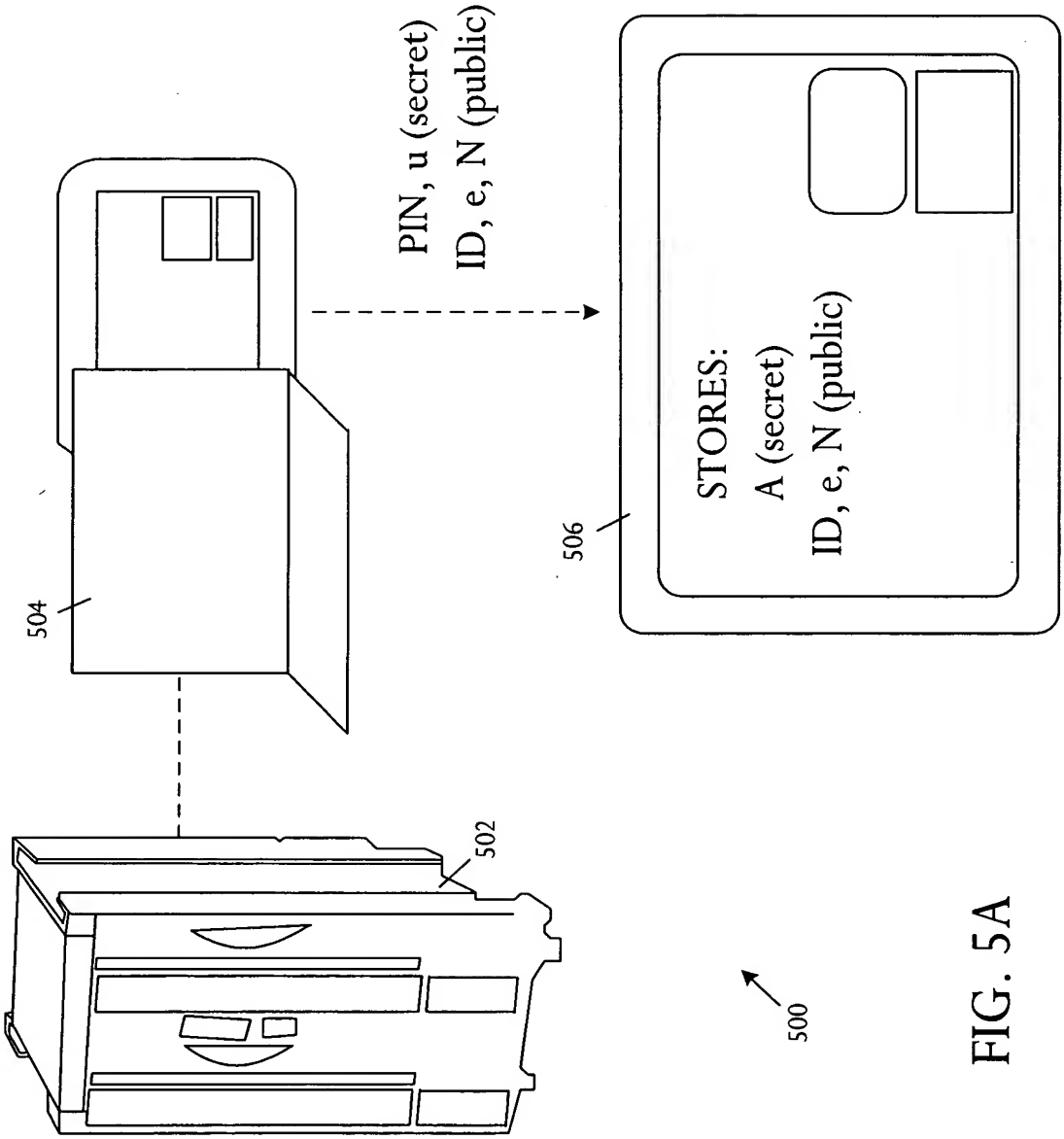


FIG. 5A

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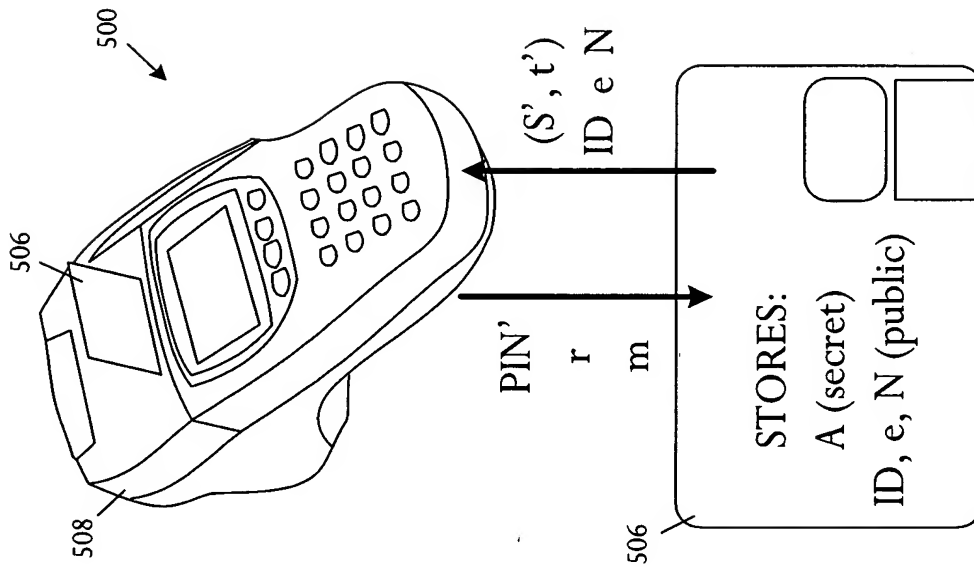


FIG. 5B

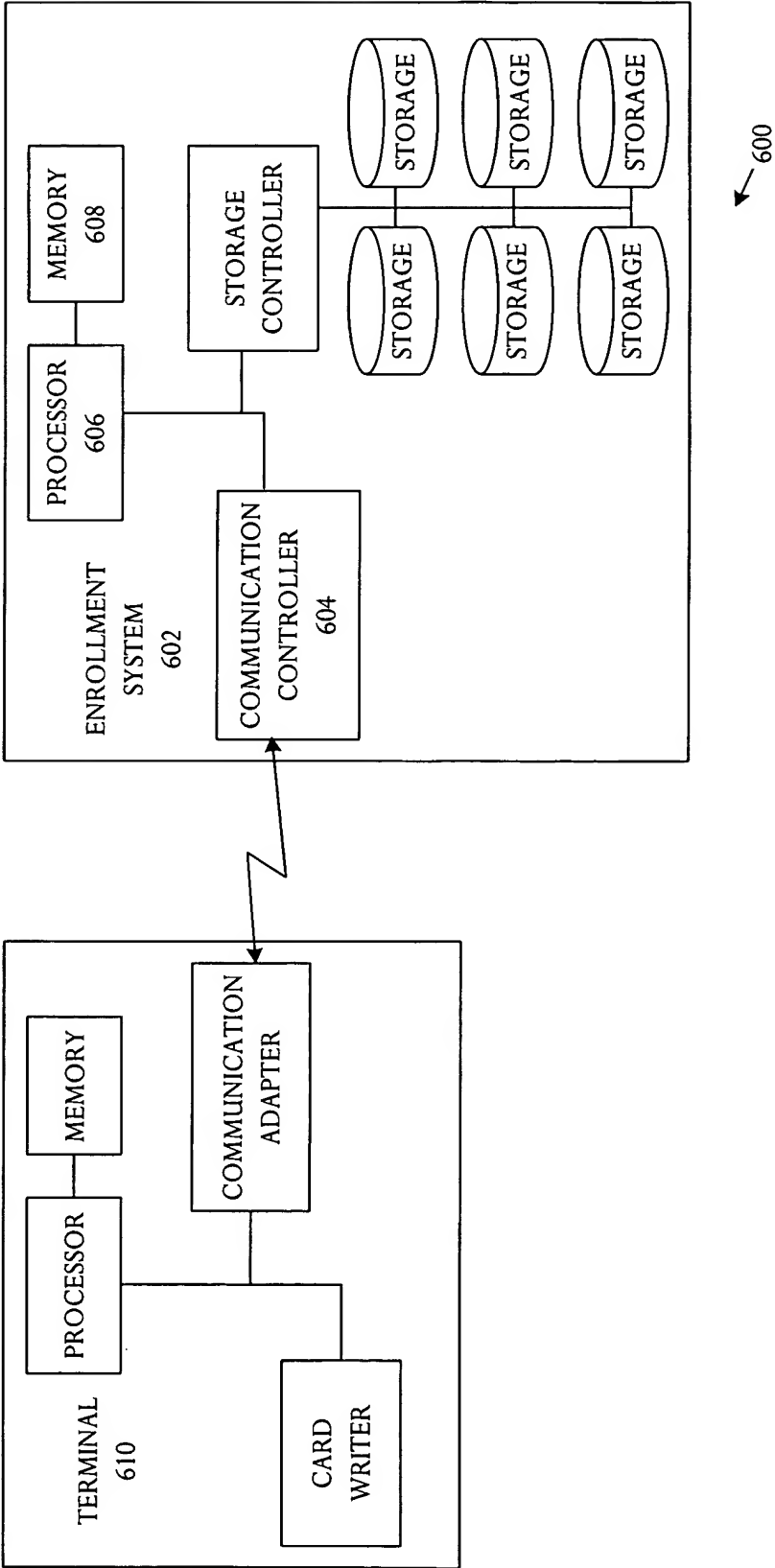


FIG. 6

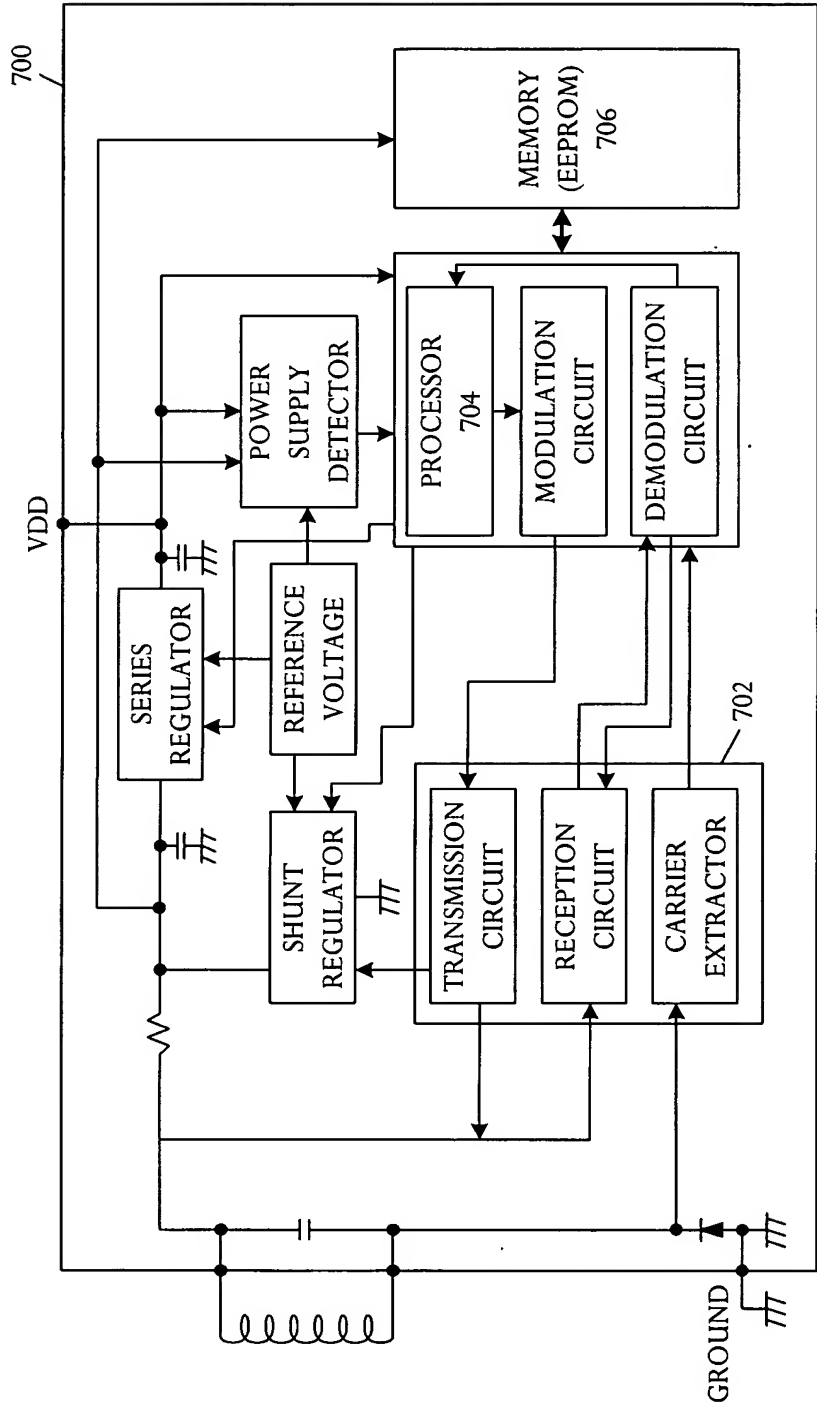


FIG. 7

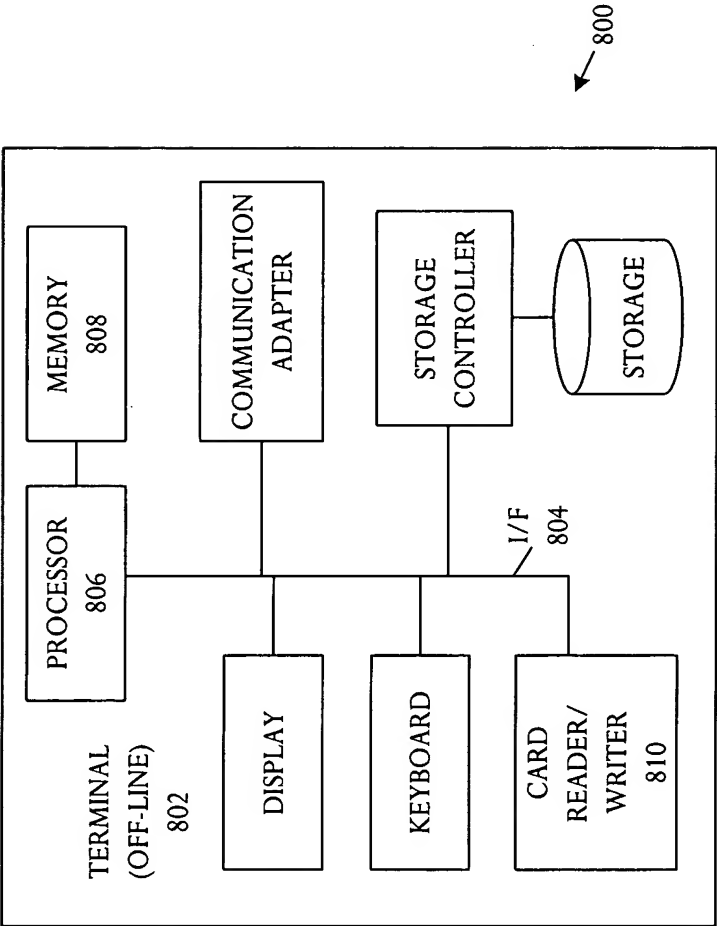


FIG. 8